

**CLUSTER RESOURCE ACTION IN CLUSTERED COMPUTER SYSTEM
INCORPORATING PREPARE OPERATION**

Abstract of the Disclosure

5 An apparatus, clustered computer system, program product and method utilize
a unique prepare operation in connection with a resource action to effectively "lock
out" missing or inactive cluster entities such as nodes and cluster objects from
10 rejoining a clustered computer system subsequent to the resource action. The prepare
operation includes the modification of one or more cluster configuration parameters
associated with a plurality of entities in a clustered computer system, such that any
such cluster entity that is active during the prepare operation accepts the
modifications, while any such cluster entity that is inactive during the prepare
15 operation does not accept the modifications. By modifying cluster configuration
parameters for active cluster entities, attempts by previously-inactive cluster entities to
activate or rejoin clustering subsequent to resource actions will generally fail due to an
incorrect or stale cluster configuration parameters for such entities, and as a result,
such entities will be effectively blocked from being accepted into the clustered
computer system.

09445602.052004